APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530055-9

Chemistry of Diatomic Algae (Diatomeae), by G. K. Barashkov, 15 pp.

RUSSIAN, per, Botan Zhur, Ak Nauk SSSR, Vol XLV, No 9, 1960, pp 1350-1356. 9680512

FTD-TT-63-192

USDA TR A-1379 [illegible]

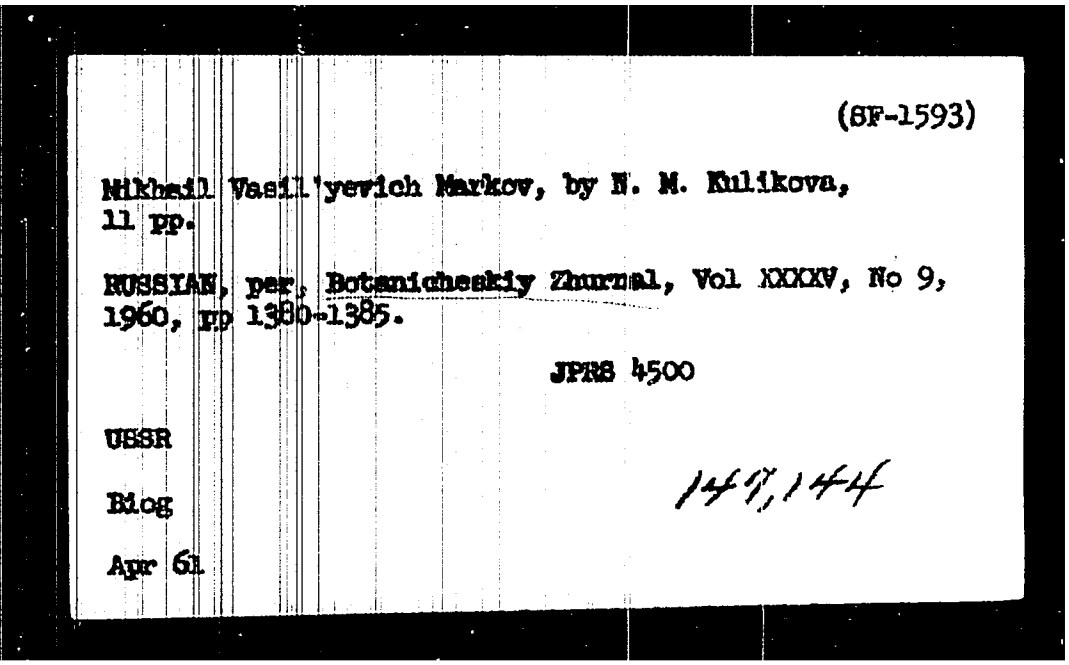
OTS 63-13529

Sci-Chem
Apr 63

229,415

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530055-9

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530055-9



(8F-1593)

Mikhail Vasil'yevich Markov, by N. M. Kulikova, 11 pp.

RUSSIAN, per, Botanicheskiy Zhurnal, Vol XXXXV, No 9, 1960, pp 1380-1385.

JPRS 4500

USSR

Biog

Apr 61

147, 144

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530055-9

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530055-9

On the Tenth Anniversary of the Study of Marine Algae in China, by Ch'eng-k'uei Tseng.

RUSSIAN, per, Botan Zhur, Vol XLV, No 9, 1960, pp 1395-1399. 9211334

USDA Tr A-1395

Sci - Biol & Med Sci
Aug 63

393464

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530055-9

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530055-9

English Title Unknown, by O. A. Semikhatova.
RUSSIAN, per, Botanicheskiy Zhurnal, Vol 45, 1960,
pp 1488-1501.
*NTIS TT 72-58008

July 72

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530055-9

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530055-9

Markov, M. V.
BOTANICAL INVESTIGATION METHODS (Metodika Botanicheskikh Issledovanii) tr. by M. Slade. [1961] [6]p. (foreign text included). [CSIRO] Trans. 5354. Order from OTS or SLA $1.10 61-28215

Trans. of Botanicheskii Zhurnal (USSR) 1960, v. 45, no. 10, p. 1502-1503.

DESCRIPTORS: *Plants, Physiology, Evapotranspiration, Hydrology, Water vapor, Water, Absorption, Soils, Secretion, *Ecology, Test methods

A field method is described of determining the rate of active supply of water by the root from the quantity of outflowing sap.

(Biological Sciences--Botany, TT, v. 6, no. 12)

61-28215

I. Markov, M. V.
II. CSIRO Trans-5354
III. Commonwealth Scientific and and Industrial Research Organization (Australia)

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530055-9

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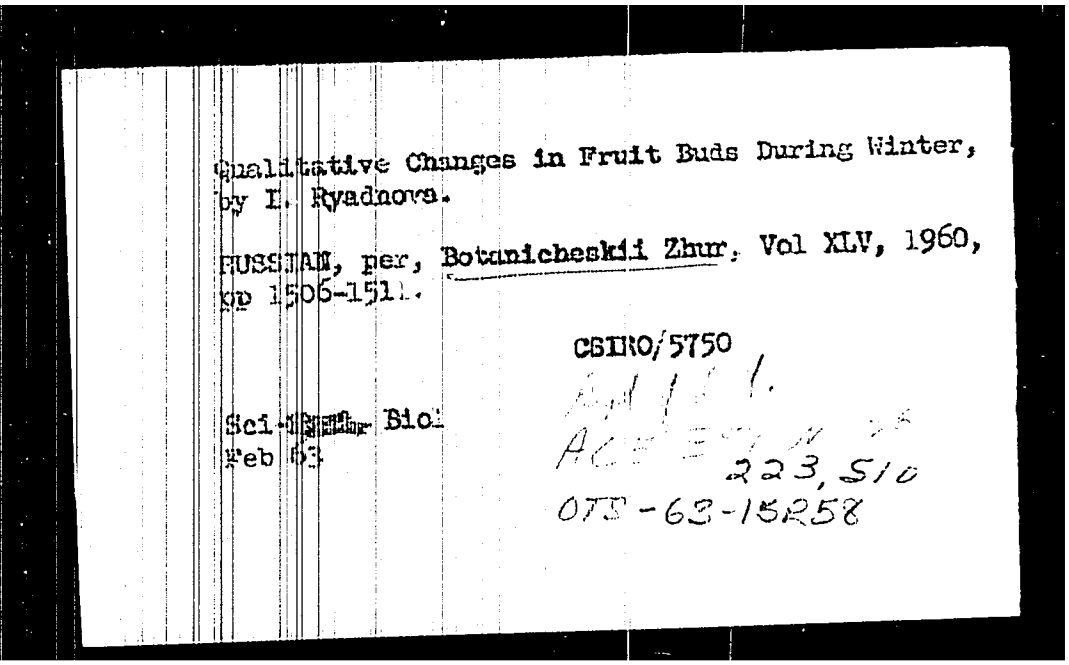

Qualitative Changes in Fruit Buds During Winter, by I. Ryadnova.

RUSSIAN, per, Botanicheskii Zhur. Vol XLV, 1960, pp 1506-1511.

CSIRO/5750

Sci-Tech Biol
Feb 63

223,510
OTS-63-15258

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530055-9

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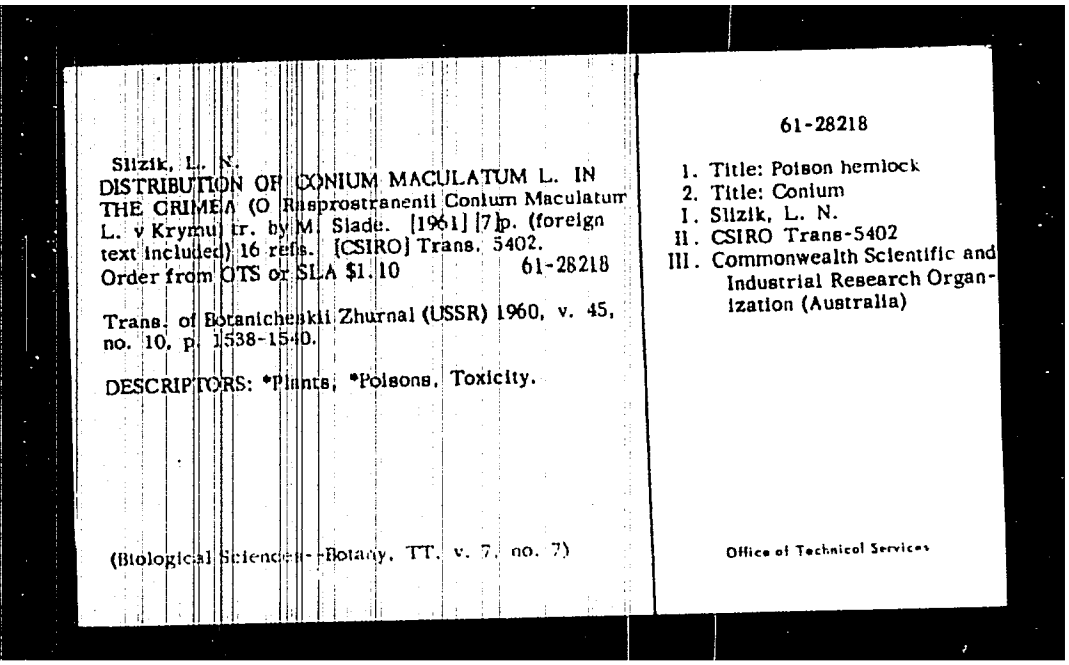


Slizik, L. N.
DISTRIBUTION OF CONIUM MACULATUM L. IN THE CRIMEA (O Rasprostranenii Conium Maculatum L. v Krymu) tr. by M. Slade. [1961] [7]p. (foreign text included) 16 refs. [CSIRO] Trans. 5402.
Order from OTS or SLA $1.10 61-28218

Trans. of Botanicheskii Zhurnal (USSR) 1960, v. 45, no. 10, p. 1538-1540.

DESCRIPTORS: *Plants, *Poisons, Toxicity.

(Biological Sciences--Botany, TT, v. 7, no. 7)

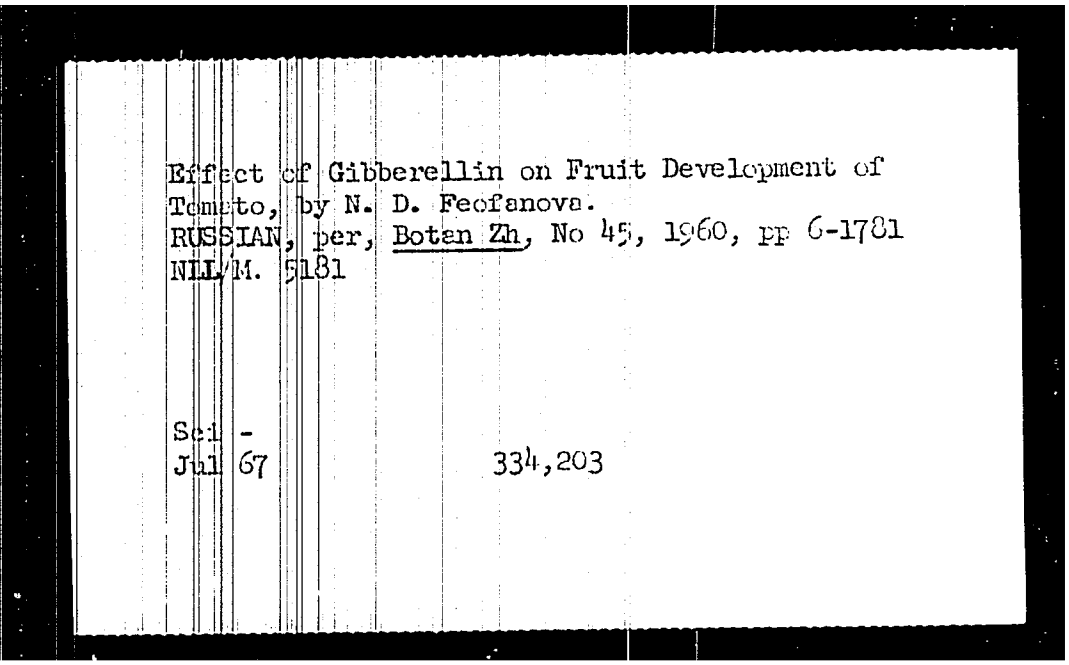
61-28218

1. Title: Poison hemlock
2. Title: Conium
I. Slizik, L. N.
II. CSIRO Trans-5402
III. Commonwealth Scientific and Industrial Research Organization (Australia)

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530055-9

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530055-9



Effect of Gibberellin on Fruit Development of Tomato, by N. D. Feofanova.
RUSSIAN, per, Botan Zh, No 45, 1960, pp 6-1781
NIL/M. 5181

Sel -
Jul 67 334,203

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530055-9

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530055-9

The Use of IAA and Gibberel Lin in Growing Platanusm
Supp., by T. P. Odaric.
RUSSIAN, per, Bot Zh., Vol 45, No 12, 1960,
pp 1810-1812.
*NTIS TT 72-51113

Aug 72

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530055-9

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530055-9

(SF-2212)

F. D. Skazkin, by P. A. Genkel', 5 pp.

RUSSIAN, per, Botanicheskiy Zhurnal, Vol XLV, No 12, 1960, pp 1816-1818.

JPRS 13882

USSR
Biog
Jun 62

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530055-9

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530055-9

(BF-1583)

Conference on Vegetation and Soil Investigation in the Soviet Far North, by Ye. V. Dorogostayskaya, 8 pp.

RUSSIAN, per, Botanicheskiy Zhur, Vol XXXXV, No 12, 1960, pp 1819-1823.

JPRS 4570

Sci - Biol

May 61

152,658

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530055-9

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530055-9

(SF-1583)

Second Conference of the Ukrainian Botanical Society, by I. P. Belokon', A. I. Barbarich, V. V. Osychnyuk, 9 pp.

RUSSIAN, per, Botanicheskiy Zhur, Vol XXXXV, No 12, 1960, pp 1828-1833.

JPRS 4570

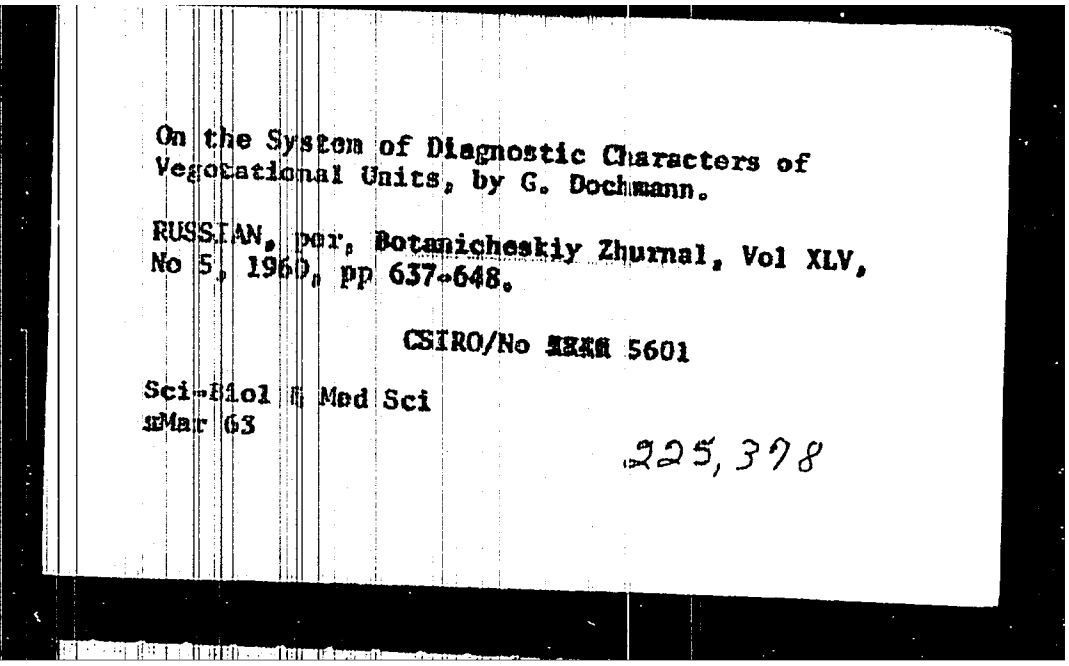
Sci - Biol

May 61

152,660

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530055-9

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530055-9



On the System of Diagnostic Characters of Vegetational Units, by G. Dochmann.

RUSSIAN, per, Botanicheskiy Zhurnal, Vol XLV, No 5, 1960, pp 637-648.

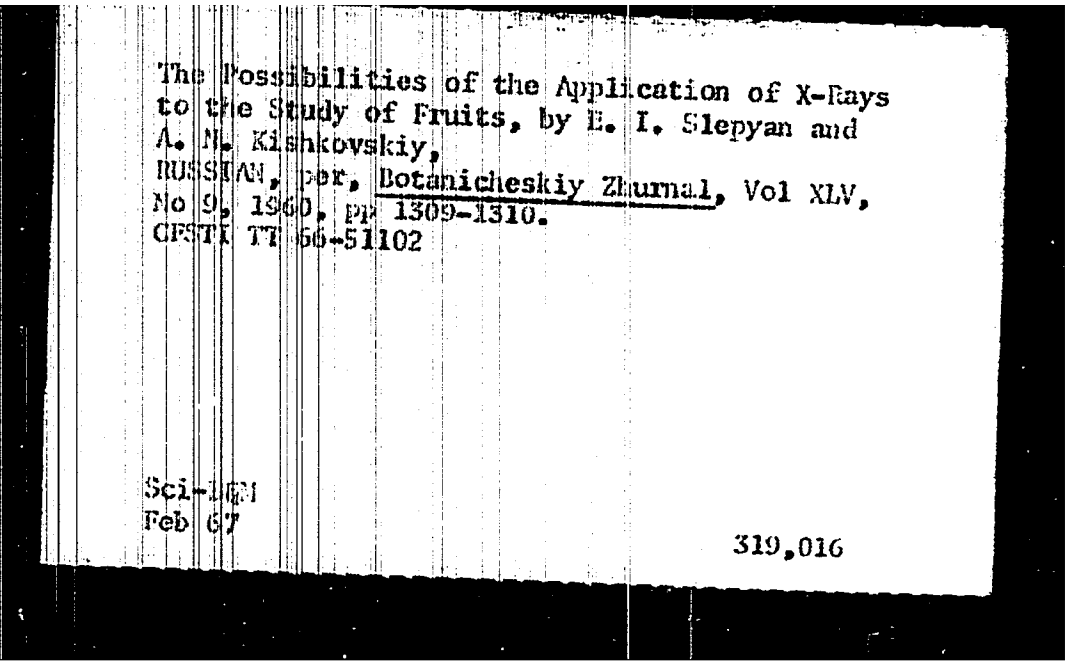
CSIRO/No [redacted] 5601

Sci-Biol & Med Sci
[redacted]Mar 63

225,378

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530055-9

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530055-9



The Possibilities of the Application of X-Rays to the Study of Fruits, by E. I. Slepyan and A. N. Kishkovskiy,
RUSSIAN, per, Botanicheskiy Zhurnal, Vol XLV, No 9, 1960, pp 1309-1310.
CFSTI TT 66-51102

Sci-16M
Feb 67

319,016

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530055-9

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530055-9

Taeng, Ch'eng-k'uei
ON THE TENTH ANNIVERSARY OF THE STUDY OF MARINE ALGAE IN CHINA (K Desyatiletiyu Izucheniya Morskikh Vodorosley v Kitae). 10 Jul 63, 15p. 50 refs. Trans. A-1395.
Order from OTS or SLA $1.60 63-23183

Trans. of Botanicheskii Zhurnal (USSR) 1960, v. 45, no. 9, p. 1395-1399.

DESCRIPTORS: *Algae, *Marine biology, Scientific research, Ecology, Physiology, Taxonomy, China.

A summary of Chinese algological research from 1950 to 1960.

(Biological Sciences--Botany, TT, v. 10, no. 12)

63-23183

I. Taeng, Ch'eng-kuei
II. Trans-A-1395

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530055-9

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530055-9

Analysis of the Negative Results of Some Experiments in Vegatative Hybridization, by N. I. Feiginson, 13pp
RUSSIAN, per, Botanicheskii Zhurnal, Vol 45, 1960, No 10, pp 1476-1487
SIA TT-64-18592

Sci - Biol
May 67

326,606

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530055-9

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530055-9

Effect of Gibberellin on Fruit Development
of Tomato, by N.D.Feofanova.
RUSSIAN, per, Botan. Zh. Vol. 45, 1960,
pp 1781-1786
NLL/M.5181

Sci -
Aug 67

335-963

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530055-9

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530055-9

Zozulin, G. M.
A SYSTEM OF LIFE FORMS OF HIGHER PLANTS (Sistema Zhiznennykh Form Vysshikh Rastenii) tr. by M. Slade. [1961] [48]p. (foreign text included) 45 refs. [CSIRO] Trans. no. 5451.
Order from OTS or SLA $4.60 62-13606

Trans. of Botanicheskii Zhurnal (USSR) 1961, v. 46, no. 1, p. 3-20.

DESCRIPTORS: *Plants, Ecology, Genetics, *Trees, Classification

Life forms are defined as historical links comprising complexes of plant organisms having similar adaptations for the retention of the habitat area and for its expression. The system of life forms of higher plants proposed by the author is based on this leading character that is considered to be the result of a historical process. In this system the life forms are classified (Biological Sciences--Botany, TT, v. 7, no. 12) (over)

62-13606

I. Zozulin, G. M.
II. CSIRO Trans-5451
III. Commonwealth Scientific and Industrial Research Organization (Australia)

CSIRO

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530055-9

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530055-9

A Taxonomic Survey of Fungi Dwellin on Paper, Books, and Pulp, by Yu. P. Nyuksha.

RUSSIAN, per, Botan Zhur, Vol XLVI, No 1, 1961, pp 70-79.

* PL-480
OTS 65-50005

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530055-9

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530055-9

Observations of Zygota Formation and Germination in Spirogyra Weberi Kutz, by A. A. Gurevich.

RUSSIAN, per, Botan Zhur, Vol XLVI, No 1, 1961, pp 112-115, 90%828

USDA Tr A-1307

177,315

Sci - Biol

Dec 61

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530055-9

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530055-9

Miroshnichenko, E. Ya.
BIOLOGICAL CHARACTERISTICS OF WEEDS OF VEGETABLE CROPS IN THE CRIMEA (Biologicheskie Osobennosti Sornykh Rastenii Ovoshchnykh Kul'tur v Krymu) tr. by M. Slade. [1962] [16]p. (foreign text included) 11 refs. [CSIRO] Trans-5452. Order from OTS or SLA $1.60 62-23713

Trans. of Botanicheskii Zhurnal (USSR) 1961, v. 46, no. 1, p. 115-119.

DESCRIPTORS: *Plants, *Morphology, Growth, *Vegetables.

Weeds of the genus Amaranthus (A. retroflexus, A. blitoides, and A. albus), possessing a high plasticity, develop in the fields in the Crimea spring, summer, and autumn forms, which differ in their biomorphological characteristics (seasonal polymorphism). The (Biological Sciences--Botany, TT, v. 8, no. 7) (over)

62-23713

1. Title: Weeds
2. Title: Amaranthus
I. Miroshnichenko, E. Ya.
II. CSIRO Trans-5452
III. Commonwealth Scientific and Industrial Research Organization (Australia)

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530055-9

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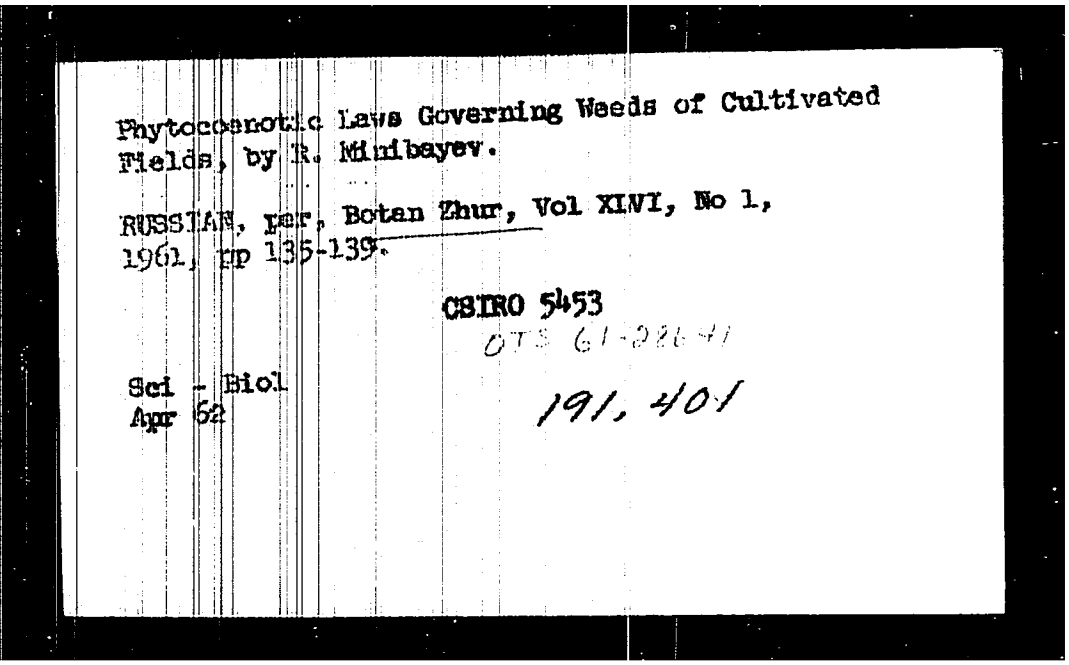


Phytocoenotic Laws Governing Weeds of Cultivated Fields, by R. Mirzbayev.

RUSSIAN, per, Botan Zhur, Vol XLVI, No 1, 1961, pp 135-139.

CSIRO 5453

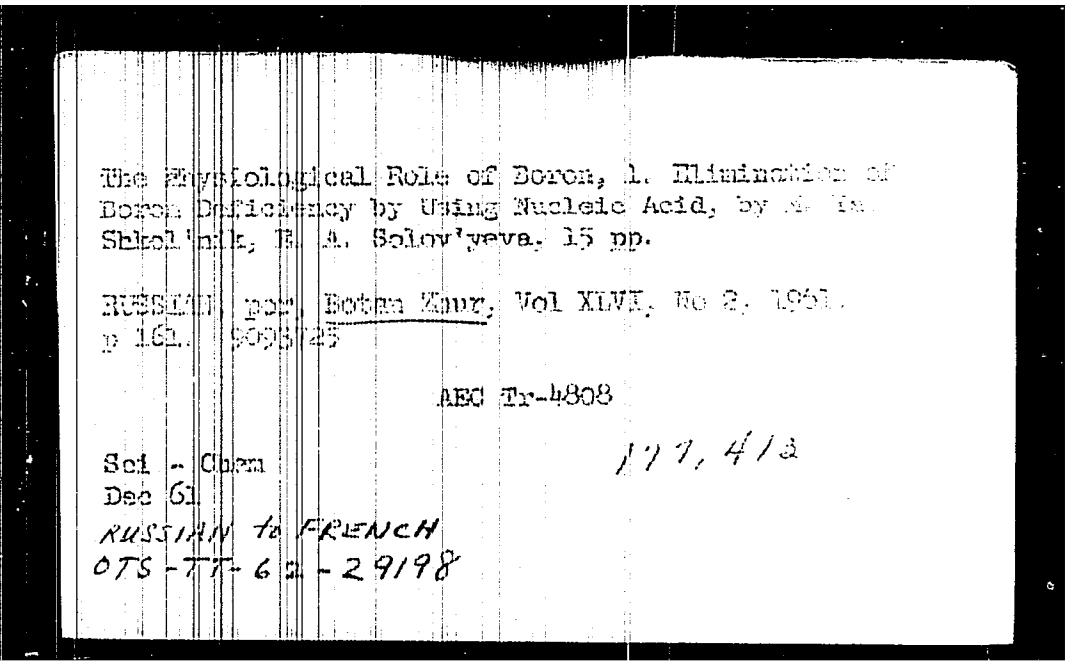
OTS 61-22641

Sci - Biol
Apr 62

191, 401

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530055-9

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530055-9



The Physiological Role of Boron, 1. Elimination of Boron Deficiency by Using Nucleic Acid, by N. M. Sbitol'nik, E. A. Solov'yeva. 15 pp.

RUSSIAN pub. Bokm Zhur, Vol XLVI, No 2, 1961. p 161. 5009725

AEC Tr-4808

177,413

Sci - Chem
Dec 61
RUSSIAN to FRENCH
OTS-TT-62-29198

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530055-9

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530055-9

On the Upper Altitudinal Limit of Shrubs in the Mountains of the USSR, by V. N. Lukanenkova, L. F. Siderov.

RUSSIAN, per, Botan Zhur, Vol XLVI, No 2, 1961, pp 201-207.

*PL-480

OTS 63-50086

Sci-Agr
April 64

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530055-9

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530055-9

Introgressive Hybridization in the Flora of the Siberian Baikal, by E. G. Bobrov. 15 pp. RUSSIAN, per, Botanicheskiy Zhurnal, Vol 46, No 3, 1961, pp 313-327. CFSTI TT 58-50396

sci/b and m
sept 69

389,829

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530055-9

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530055-9

Development of Flower Buds of Ribes Nigrum L. Through Autumn and Winter, by A. Bobrysheva, E. Oknina.
RUSSIAN, per, Botan Zhurn, Vol XLVI, No 3, 1961, pp 377-386.
CSIRO/No. 6394

Sci - BIOL?MED
Apr 64

254,571

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530055-9

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530055-9

Chemistry of Blue-Green Algae (Cyanophyceae)
by G. K. Barashkov, 17 pp.

RUSSIAN, per, Botan Zhur, Ak Nauk SSSR,
Vol XLVI, No 3, 1961, pp 447-454. 9680513

FTD-TT-63-193

Sci-Biol & Med Sci
Apr 63

229,417

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530055-9

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530055-9

(SF-1878)

Andrey Aleksandrovich Potebnya, by A. S. Bondarzev, 7 pp.

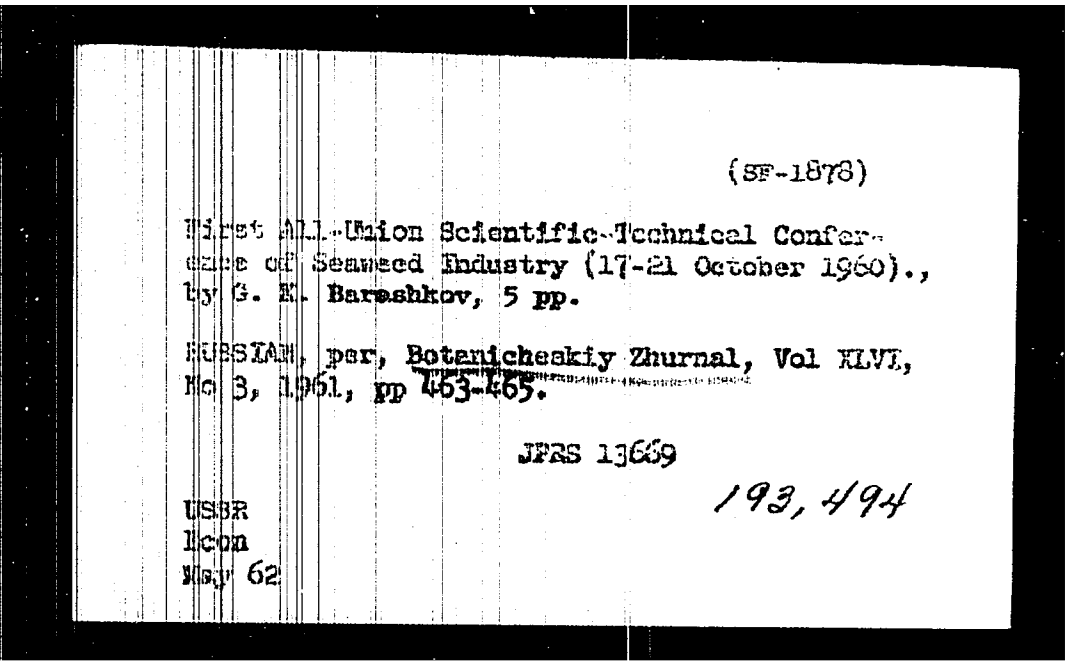
RUSSIAN, per, Bolitan Zhur, Vol XLVI, No 3, 1961, pp 458-462.

JPRS 12482

USSR
Biog
Mar 62

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530055-9

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530055-9



(SF-1878)

First All-Union Scientific-Technical Conference on Seaweed Industry (17-21 October 1960)., by G. E. Bareshkov, 5 pp.

RUSSIAN, per, Botanicheskiy Zhurnal, Vol XLVI, No 3, 1961, pp 463-465.

JPRS 13669

193, 494

USSR
Econ
May 62

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530055-9

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530055-9

A Critical Revie. of the most Recent Classification of Family of the Polyporaceae, by M. A. Bondartseva.

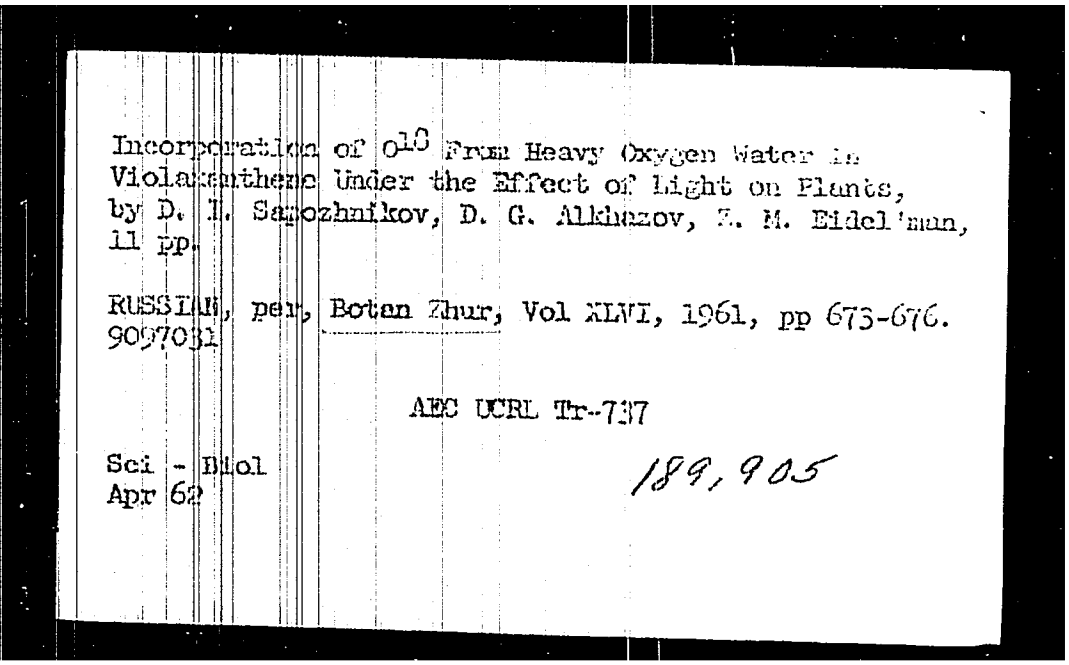
RUSSIAN, per, Botan Zhur, Vol XLVI, No 4, 1961, pp 587-593.

NCR/C-3684

Sci
Dec 62

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530055-9

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530055-9



Incorporation of O^{18} From Heavy Oxygen Water in Violaxanthene Under the Effect of Light on Plants, by D. I. Sapozhnikov, D. G. Alkhazov, Z. M. Eidel'man, 11 pp.

RUSSIAN, per, Botan Zhur, Vol XLVI, 1961, pp 673-676. 9097031

AEC UCRL Tr-737

Sci - Biol
Apr 62

189,905

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530055-9

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530055-9

(SF-1876)

Viktor Vsevolodovich Miller, by K. I. Meyer, A. T. Vakin, 7 pp.

RUSSIAN, per, Botan Zhur, Vol XLVI, No 6, 1961, pp 458-462.

JPRS 12468

USSR
Biog
Mar 62

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530055-9

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530055-9

(SF-1878)

Aleksandr Fedorovich Flerov, by G. R. Batukhin, I. F. Lyashchnko, N. n. Arkhangel'skiy, 4 pp.

RUSSIAN, per, Botan Zhur, Vol XLVI, No 6, 1961, pp 912-2914.

JPRS 12482

USSR
Biog
Mar 62

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530055-9

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530055-9

Determining Phenological Phases in Conifers, by I. N. Elagin.

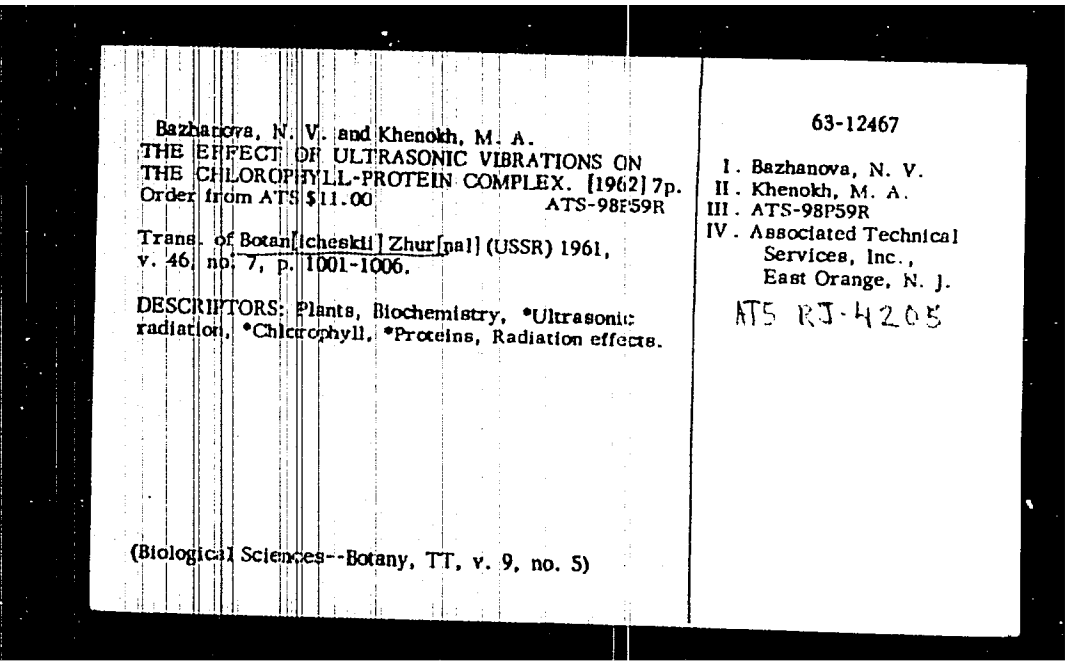
RUSSIAN, per, Botan Zhur, Vol XLVI, No 7, 1961, pp 984-992.

*PL-480

Sci-Biol & Med Sci
April 64

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530055-9

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530055-9



Bazhanova, N. V. and Khenokh, M. A.
THE EFFECT OF ULTRASONIC VIBRATIONS ON THE CHLOROPHYLL-PROTEIN COMPLEX. [1962] 7p.
Order from ATS $11.00 ATS-98P59R

Trans. of Botan[icheskii] Zhur[nal] (USSR) 1961, v. 46, no. 7, p. 1001-1006.

DESCRIPTORS: Plants, Biochemistry, *Ultrasonic radiation, *Chlorophyll, *Proteins, Radiation effects.

(Biological Sciences--Botany, TT, v. 9, no. 5)

63-12467

I. Bazhanova, N. V.
II. Khenokh, M. A.
III. ATS-98P59R
IV. Associated Technical Services, Inc., East Orange, N. J.

ATS RJ-4205

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530055-9

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530055-9

Piercing of the Scion Tissues by the Stock in a Grafted Cactus, by Yu. A. Luks, N. G. V'yugina,

RUSSIAN, per, Botan Zhur, Vol XLVI, No 7, 1961, pp 1006-1008. 9000120

USDA Tr A-1328

203,279

Sci - Biol

Jun 62

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530055-9

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530055-9

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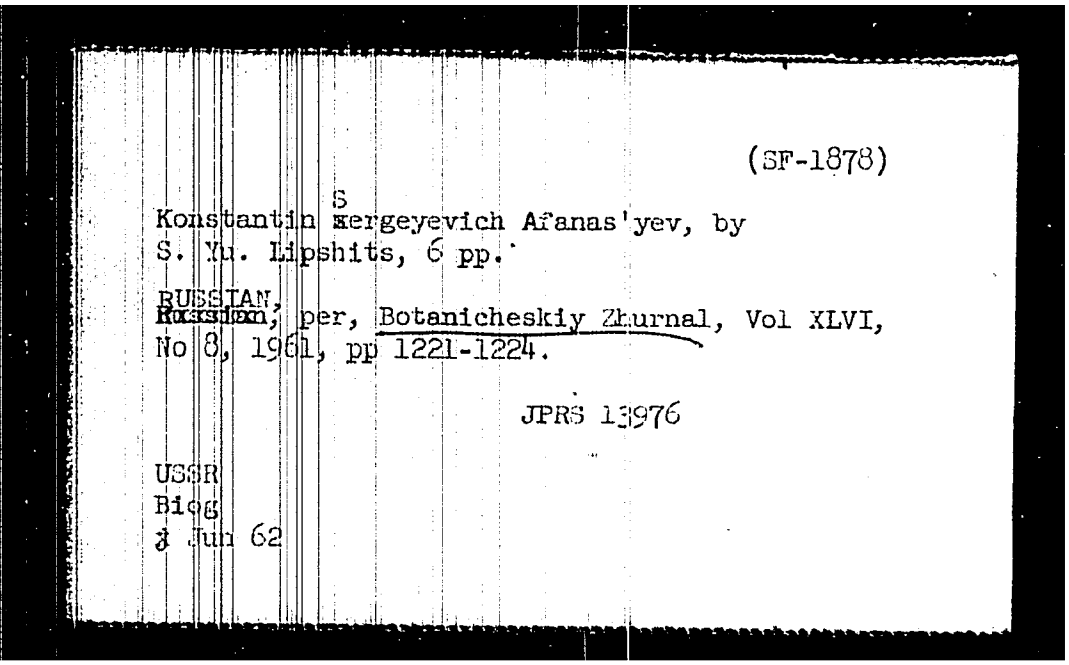

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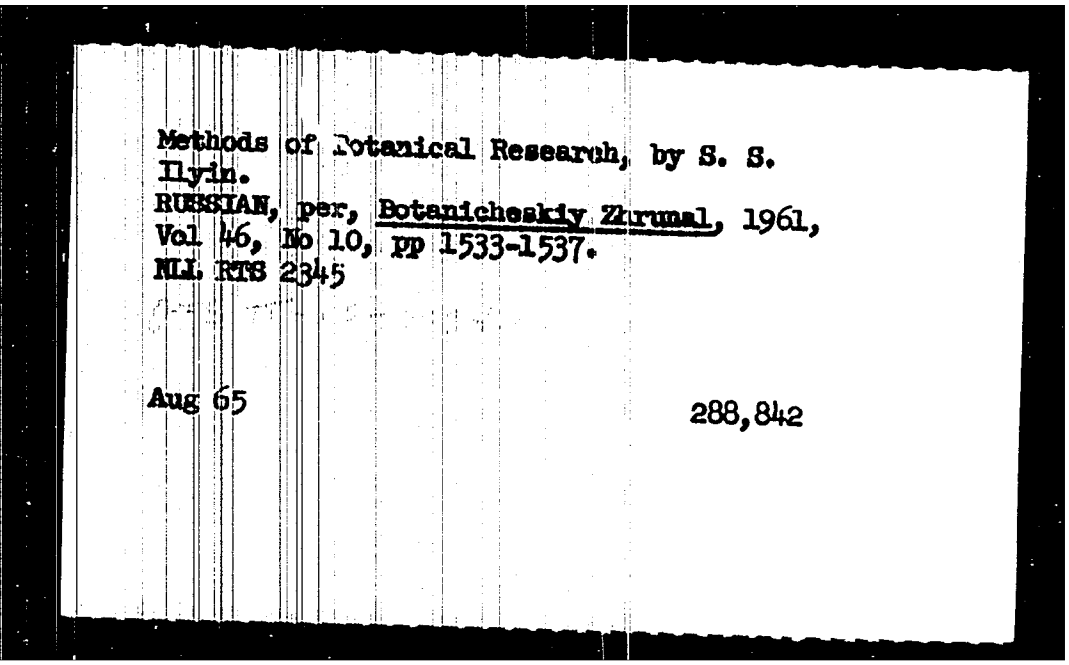

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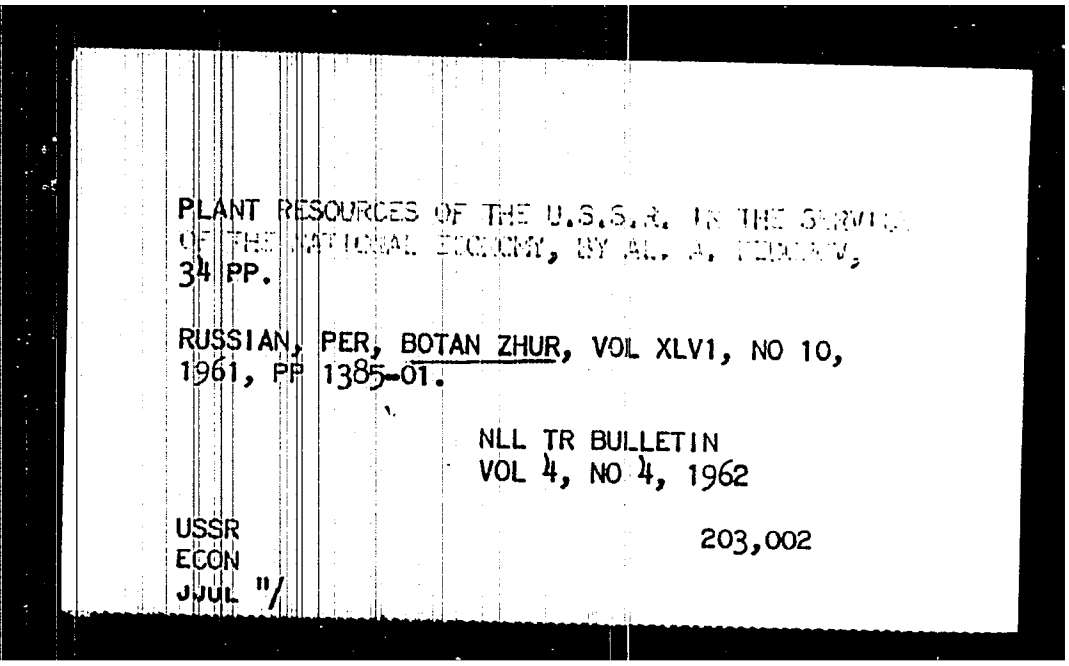

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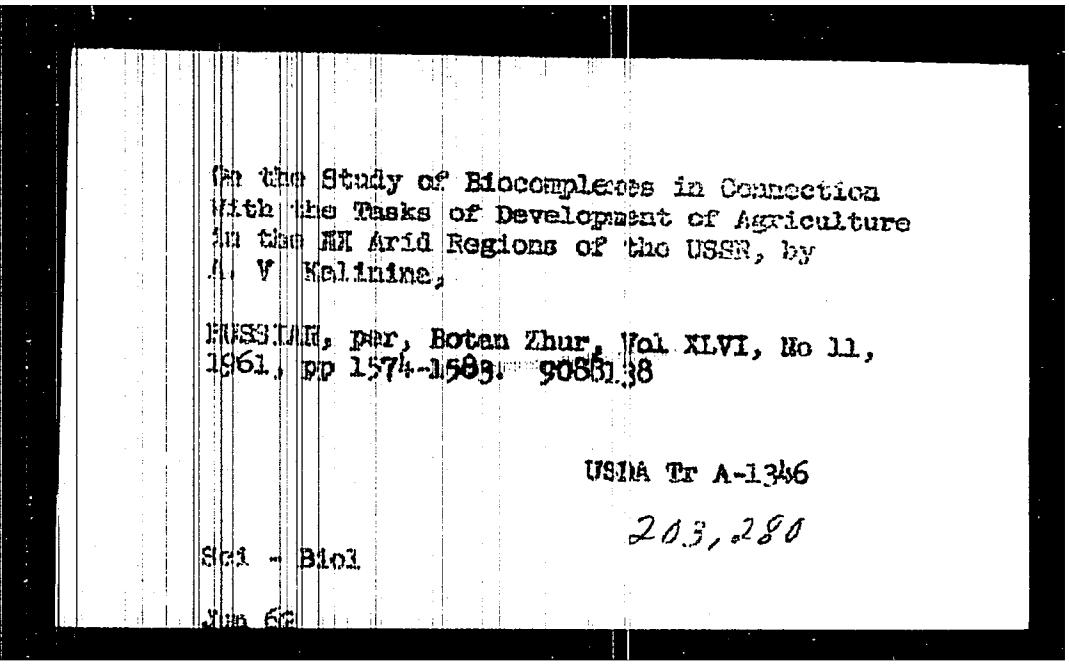

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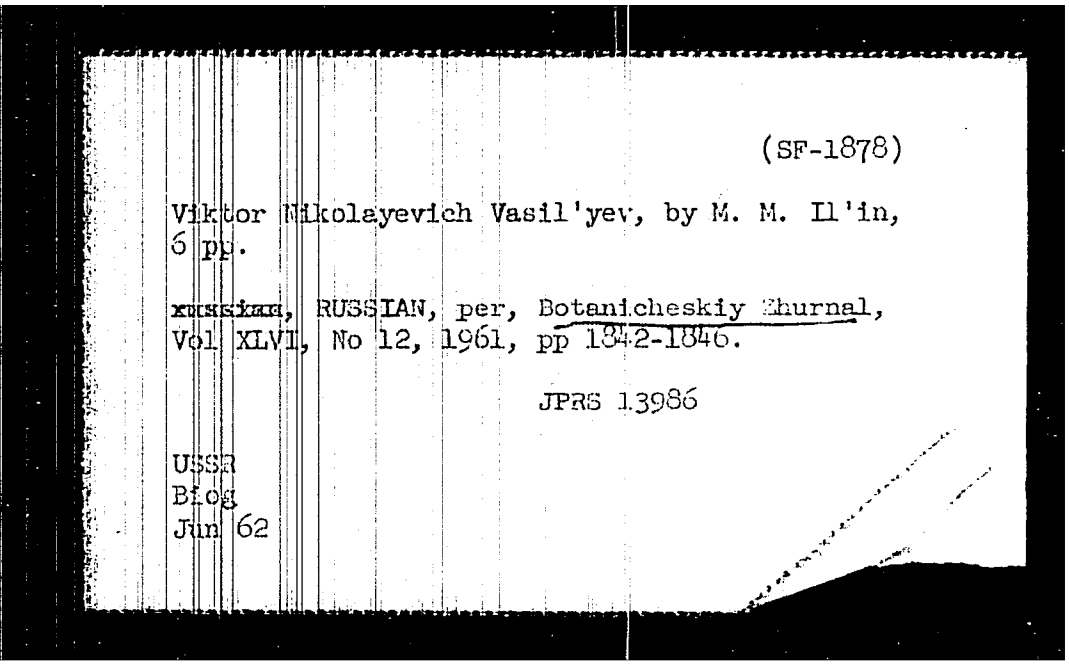

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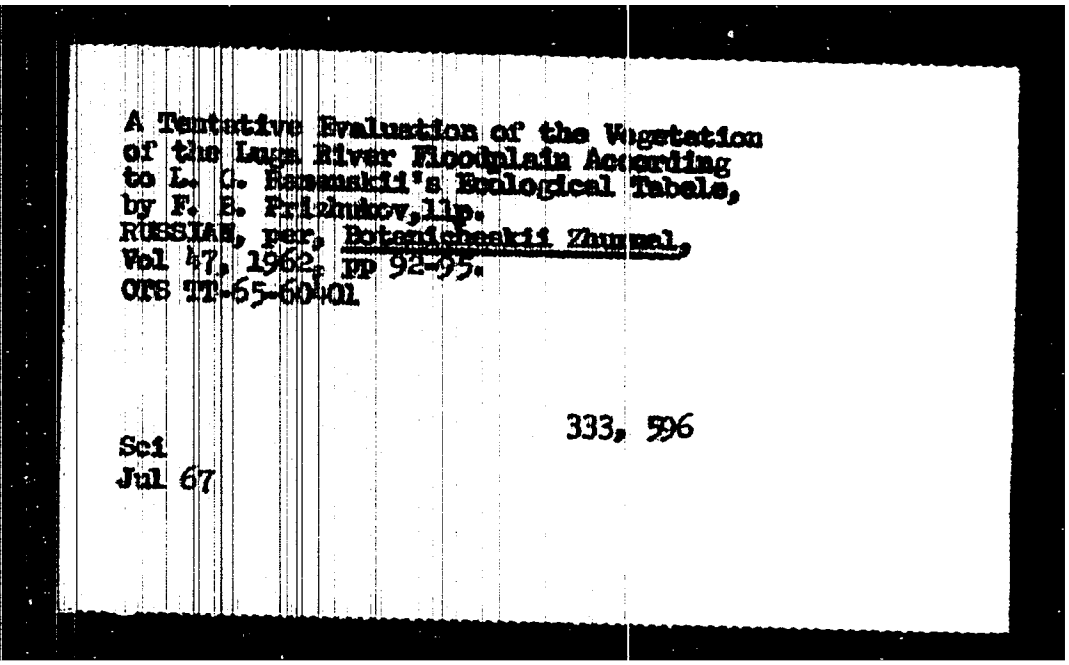

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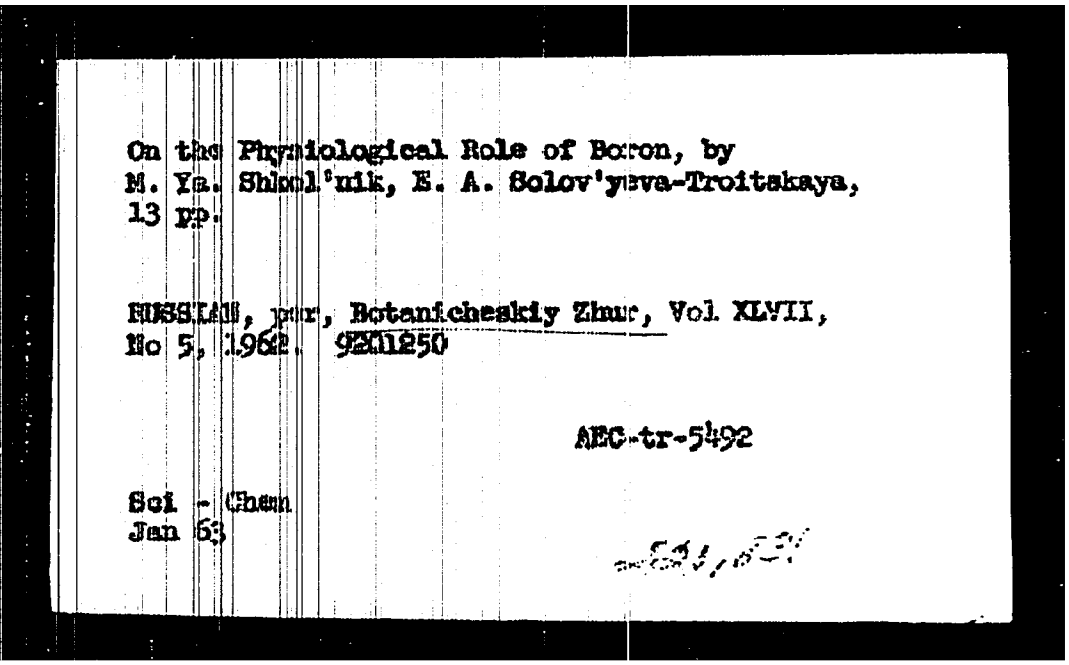

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Order from Catherine A. O. Aalders, 83 Elm Ave., Kentville, N. S., Canada $1.00

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DESCRIPTORS: *Plants, (Botany), Taxonomy, Marine biology

(Biological Sciences, TT, v. 10, no. 9)

63-22620

I. Title: Nymphaea
I. Mateev, V. I.
II. Aalders, Catherine A. O., Kentville (Canada)

Office of Technical Services

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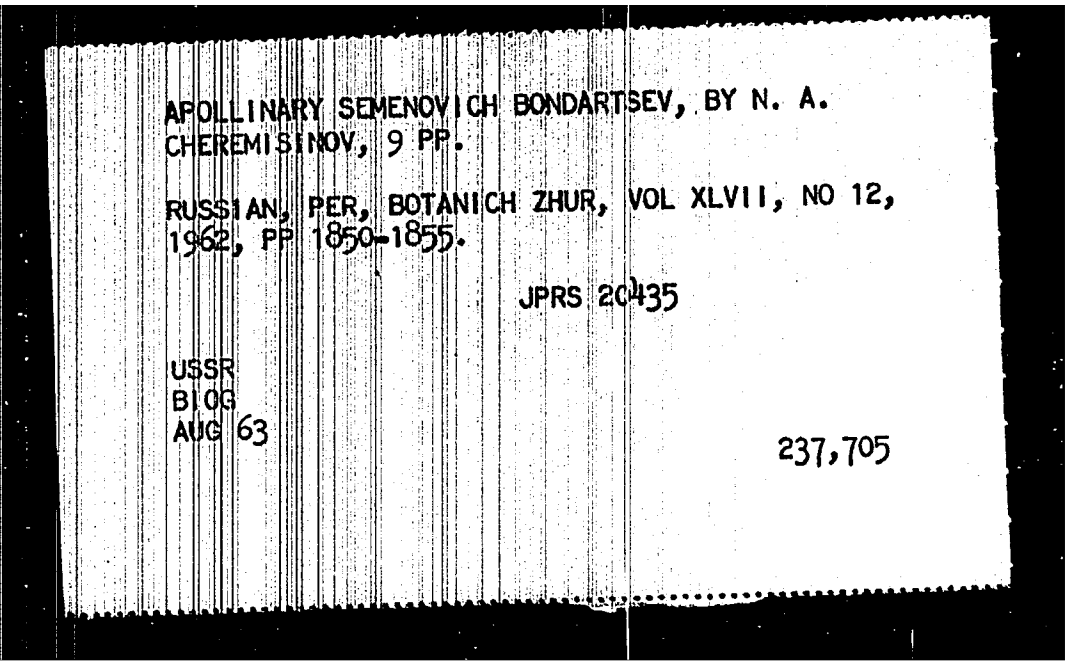

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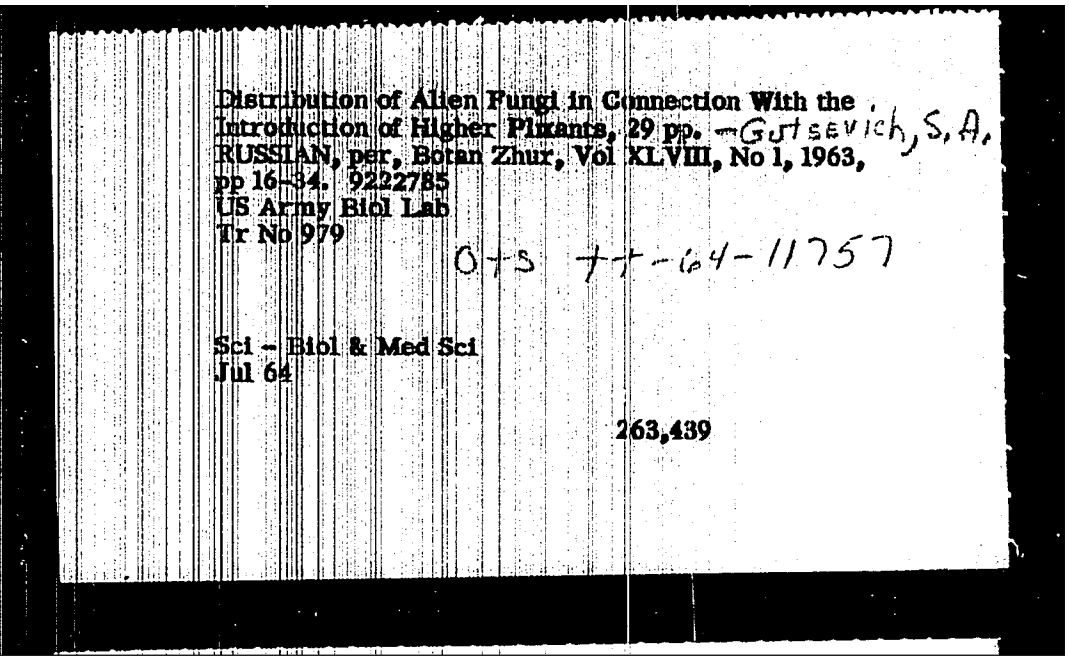

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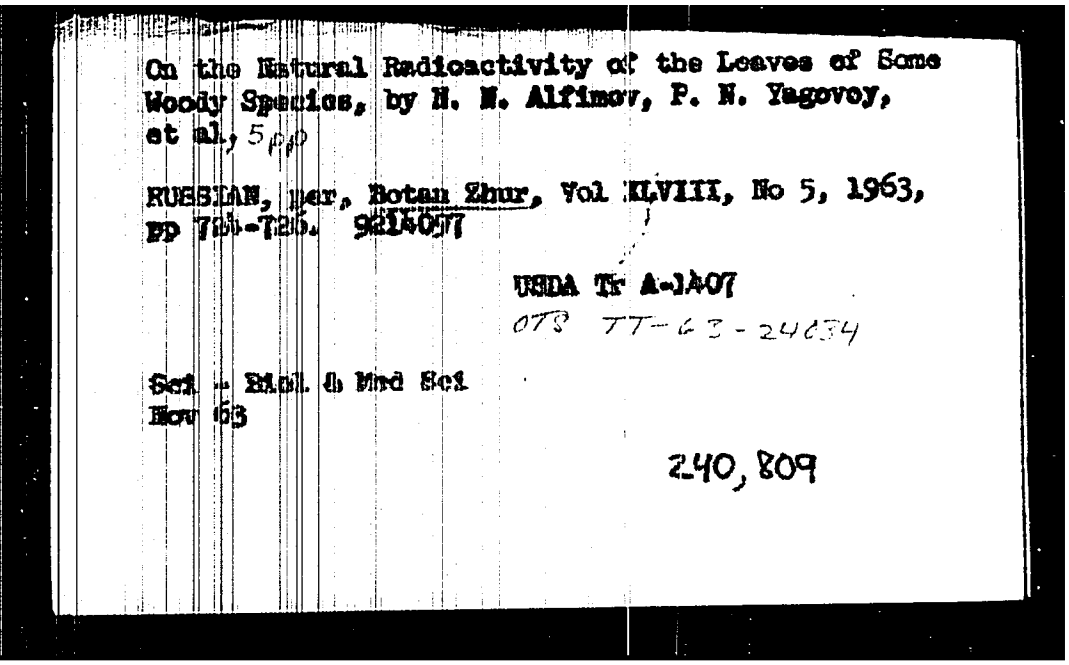

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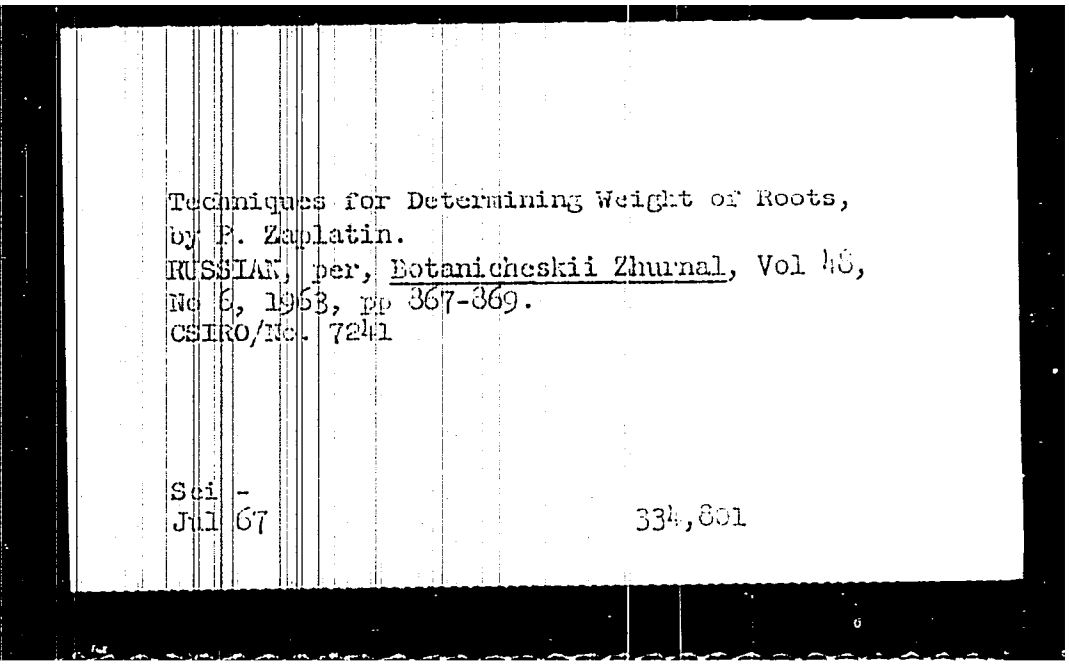

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APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530055-9

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THE EFFECT ON THE YIELD OF MAIZE SEED PREPARATION WITH TRACE ELEMENTS AND SUCCINIC ACID (Vliyanie Obrabotki Semyan Kukuruzy Mikroelementami i Yantarnoi Kislotoi na Ee Produktivnost'). 9 Dec 63, 17p 14refs Trans. A-1413. Order from OTS, SLA, or BTC $1.60 TT-64-13132

Trans. of Botanicheskii Zhurnal (USSR) 1963, v. 48, no. 8, p. 1151-1160. (Abstract available)

DESCRIPTORS: *Seeds, *Corn, *Succinic acids, Boron, Potassium compounds, Bromides, Zinc, Iodides, Boric acids, Molybdates, Ammonium compounds, Proteins,

Under the effect of preplanting preparation of corn seeds with solutions of boric acid and succinic acid with zinc, a considerable increase was obtained in the yield of
(Agriculture--Plant Cultivation, TT, v. 11, no. 10)
(over)

TT-64-13132

1. Title: Trace elements
I. Sagatov, K.
II. Trans-A-1413

Office of Technical Services

APPROVED FOR RELEASE: Thursday, May 23, 2002 CIA-RDP91-00772R000100530055-9

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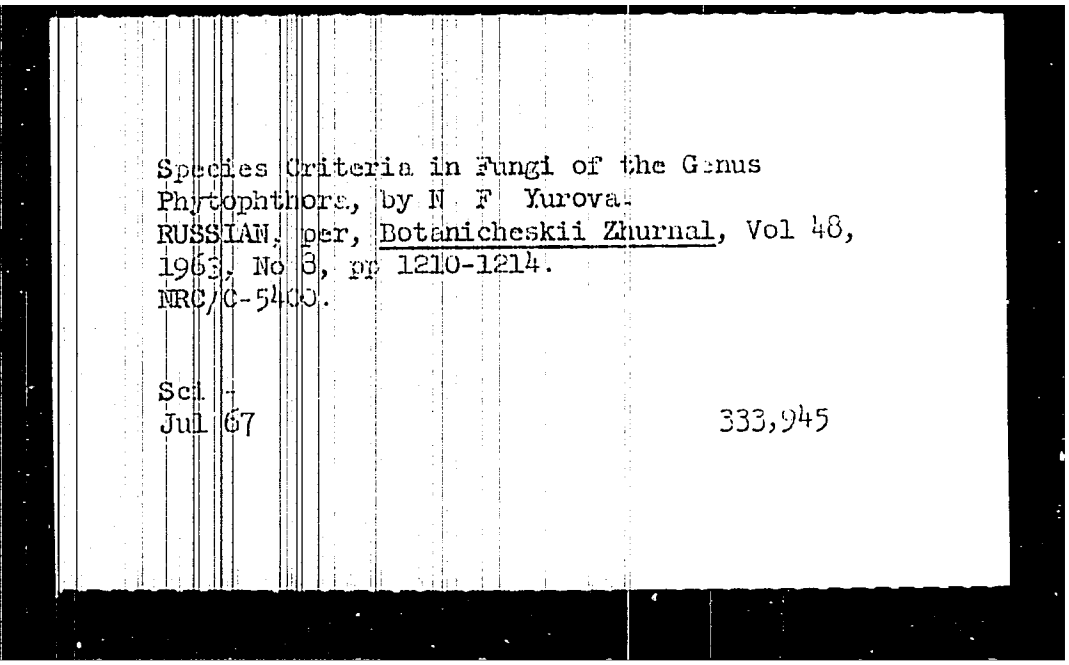

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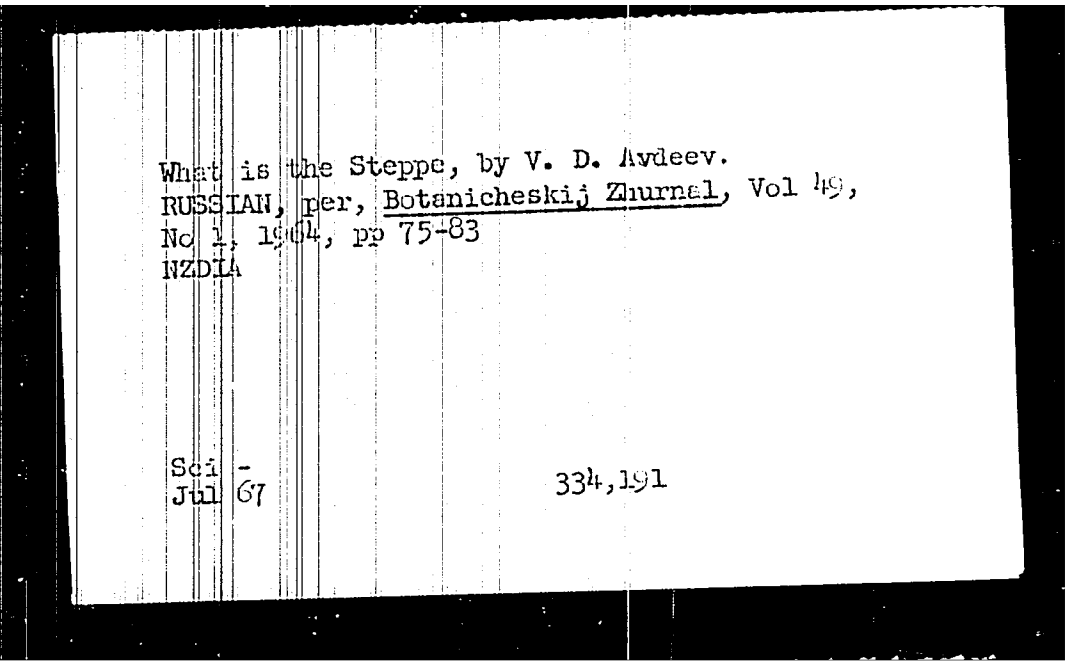

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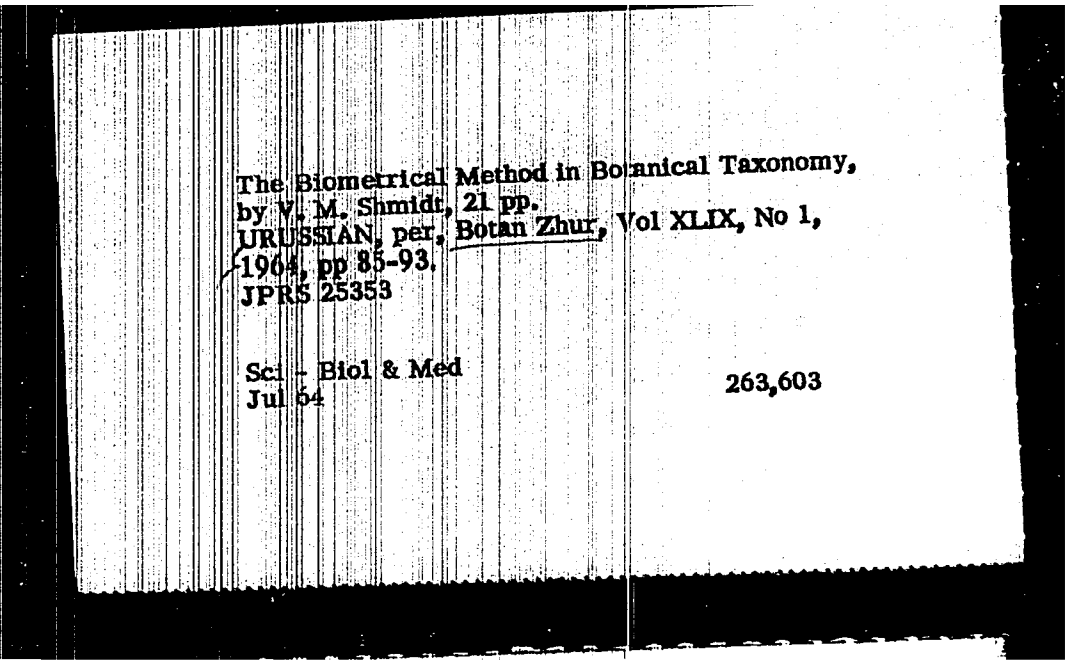

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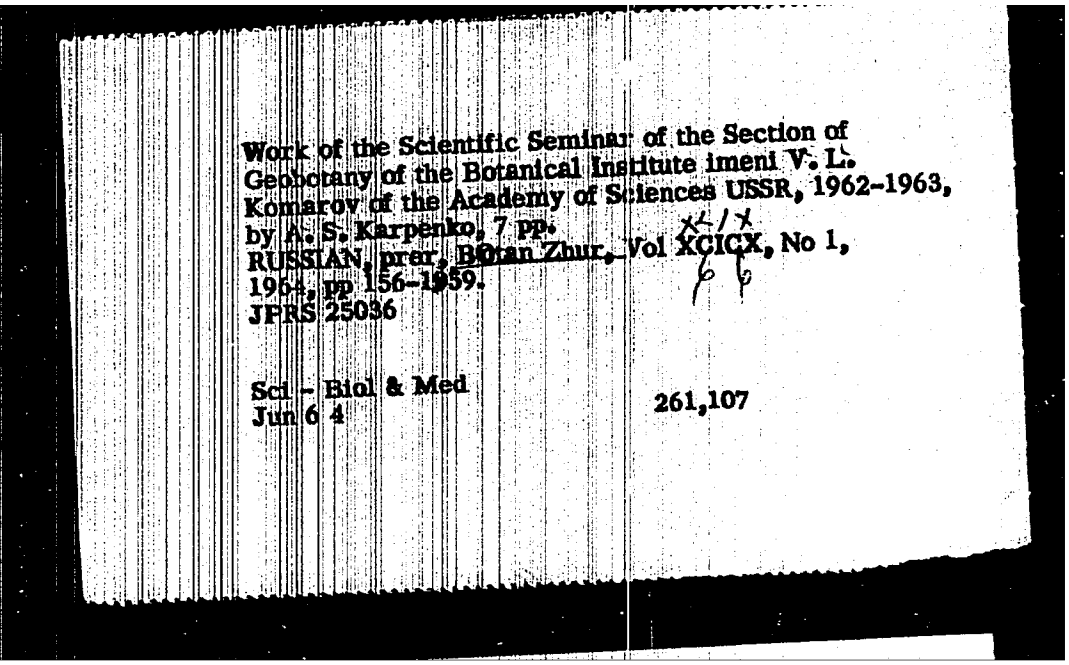

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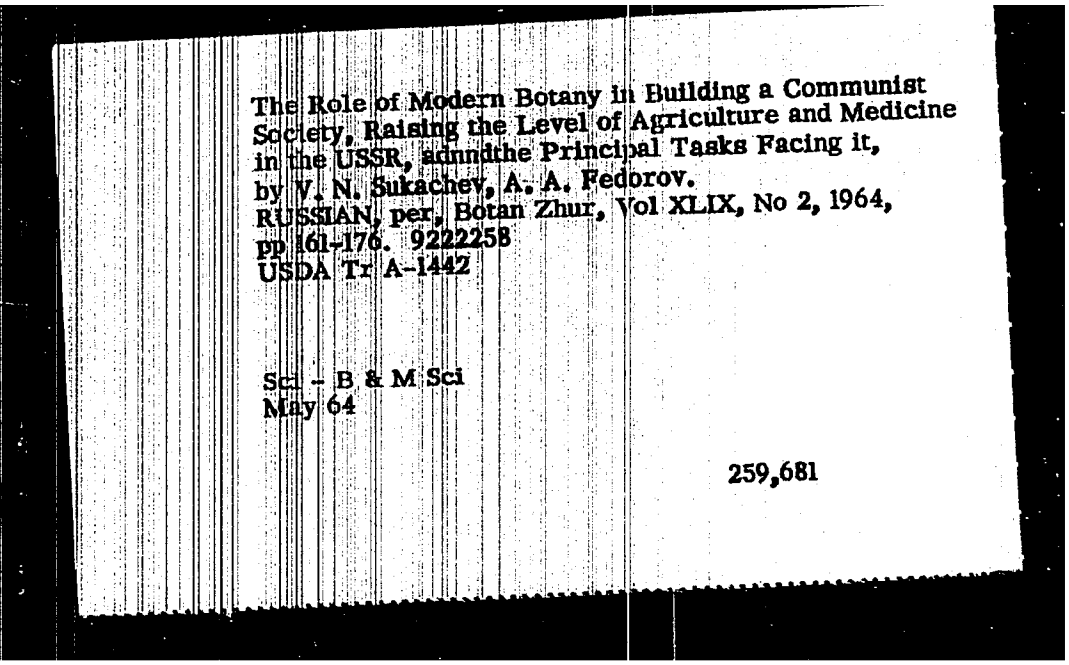

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